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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200208594-1

Inventor(s): Tyson R McGuffin et al

Confirmation No.: 7332

Application No.: 10/624266

Examiner: Whaley, Pablo S

Filing Date: Jul 21, 2003

Group Art Unit: 1631

Title: Method And System For Chromosome Correction In Genetic Optimization Process

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1460  
Alexandria, VA 22313-1460

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment  
☐ New fee as calculated below  
☒ No additional fee  
☐ Other

- ☐ Petition to extend time to respond  
☐ Supplemental Declaration

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	13	MINUS	24	= 0	X \$50	\$ 0
INDEP. CLAIMS	4	MINUS	6	= 0	X \$200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this paper is being  
transmitted to the Patent and Trademark Office  
facsimile number (571) 273-8300.  
Date of facsimile: November 22, 2005

Typed Name: Donna M Kraft

Signature: Donna M Kraft

Respectfully submitted,

Tyson R McGuffin et al

By Thomas M. Croft

Thomas M. Croft

Attorney/Agent for Applicant(s)

Reg No.: 44,051

Date: November 21, 2005

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NOV 22 2005

HEWLETT-PACKARD COMPANY  
IP Administration  
P.O. Box 272400  
Fort Collins, Colorado 80528-9599

PATENT APPLICATION  
ATTORNEY DOCKET NO. 200208594-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Tyson McGuffin, Thomas Chen, David Anderson, and David Burden

Serial No.: 10/624,266

Examiner: Pablo S. Whaley

Filing Date: July 21, 2003

Group Art Unit: 1631

Title: Method and System for Chromosome Correction in Genetic Optimization Process

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

This is in response to the office action mailed on November 2, 2005.

Amendments

Please amend the claims as follows.

Claim 1 (original): A method for searching for an optimal solution to an optimization problem using a computer-implemented process based on a genetic model, comprising:

- generating, during each of a series of generations of the computer-implemented process, a set of child chromosomes, each child chromosome comprising at least one gene;
- examining the child chromosomes for undesirable gene combinations;
- altering the undesirable gene combinations to produce a set of putatively corrected child chromosomes; and